NEVERFIRE
FIRE DETECTION SYSTEM

ISO9001

CE QACE202401069

NFF-621P
RELEASE CONTROL PANEL

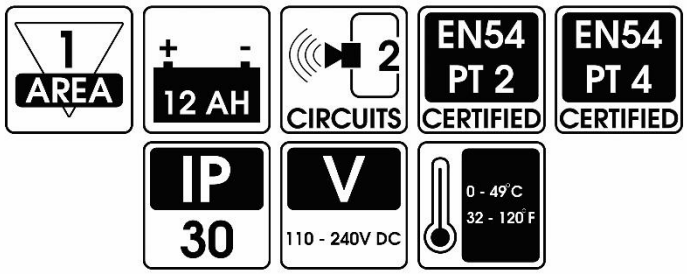
NFF-621P ONE AREA FIRE RELEASE CONTROL PANEL

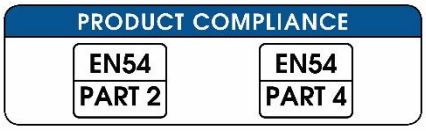
PRODUCT OVERVIEW

NFF-621P Gas fire extinguishing controller use in gas automatic fire extinguishing system. The gas fire extinguishing controller can connect to all types of conventional detectors, the abort switch, automatic transfer switch, visible and audible alarm devices and electromagnetic valve which used to start the gas fire extinguishing equipment.

NEVERFIRE panels has been designed to EN54 part 2 and EN54 part 4 and have all the safety features to prevent accident release.

NFF-621P certified CE QACE20241069 (1) which play a vital role in ensuring that NEVERFIRE products placed on the market of the world are safe. And certified ISO9001:2015(1) Quality management systems and requirements, which is global standard for trusted goods and services.





DESCRIPTION

NFC-621P panel is Microprocessor based Conventional fire agent release Control Panel which has two detection circuits and one agent release circuit,These control panel designed for small to medium commercial,residential, multi-family,institutional and industrial occupancies. Neverfire conventional Agent Release Control Panels are a feature packed control unit performing dual function of detection and controlled release of gaseous agent. Neverfire Agent Release Control Panels easy to install, commission and is the first choice for protection from fire. They are Compatible with conventional detectors, manual call points and normally open dry contact devices.

MADE IN EGYPT
MIDDLE EAST
AFRICA

(1) you can view & download these certificates from ASSS website www.asss-eg.com

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AL ALAMIA FOR SAFETY & SECURITY SYSTEMS COM. (ASSS)
Factory: 16C,south industrial Zone,10th of Ramadan City, Sharkyia, Egypt.
Administration: No.6, 163 St, Behind the military hospital, El Maadi, Cairo, Egypt.
TEL.: +2 02 25249113 **FAX.**: +2 02 25281778 **MOBILE:** +2 01129277269
E-Mail: info@asss-eg.com **WWW.ASSS-EG.COM**

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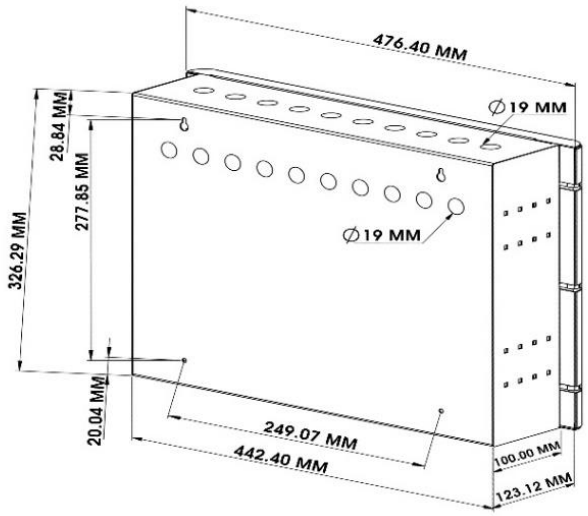
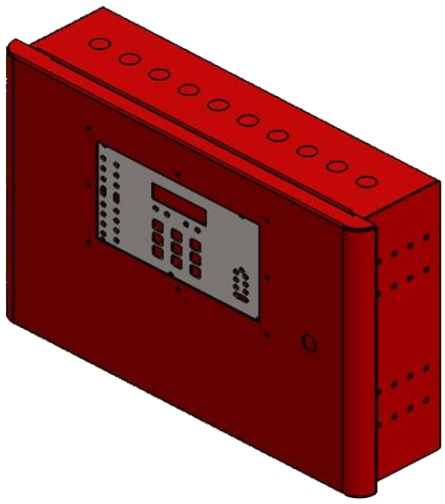
STANDARD FEATURES	
√ One class B Releasing Agent Circuits (RAC).	√ Two Class B notification appliance circuits (NAC).
√ Zone Disable (isolation).	√ Two class B initiating Circuits.
√ Programmable one input circuits for Manual release and Abort switch.	√ Configurable first stage NAC delays.
√ Form C relays for fire and fault.	√ 16x2 dot matrix LCD display.
√ Access via password – removes problem of lost keys.	√ Lamp test facility.
√ Evacuate and Key pad Enable, Display Facility.	√ Earth fault annunciation facility at 0 ohms.
√ Two mode operation facility (Auto\ Manual)	√ Relay output for actuators.
√ Low Battery visual warning with audible tone.	√ Manual Gas Release with or without timer.
√ Programmable RAC's with count down timer.	√ Programmable 24VDC Output.
√ Fully programmable using simple menu options.	√ RS 485 communication facility for Repeater (Optional).
√ All fields wiring circuits are power limited except 120 \ 240 AC and Battery	√ All field wiring ciruits are supervised.
√ Operates on 100-240VAC, 50\60Hz, AC mains 5A Din Rail power supply.	√ Standby (Battery) backup 24VDC power supply with built in.charger (Charging Current 0.5Amps max).
√ System Voltage 24V DC (Nominal) 5A.	√ Integral PSU (2.0 Amp).
√ Standby Current 6.8mA (2.4mA for Detectors).	√ Charging Voltage 28VDC,±2%.
√ Auto Ressettable Fuse.	√ Maximum battery size 12Ah.
√ Over All current consumption is low.	√ Battery polarity reversible protection.
√ All zones Compatible with all types of conventional detectors and any normally open contact device.	

MOUNTING DETAILS





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TECHNICAL SPECIFICATIONS	
ELECTRICAL SPECIFICATIONS	
MODEL NUMBER	NFC-621P
Supply Voltage	100-240VAC± 10%, 50Hz
System Voltage	24V DC (Nominal)
AC Supply Fuse	5 Amp 250V 20mm
Solenoid Output	1A
Zone Voltage	21V DC (Nominal)
Zone EOL Resistor	3.9k 5%, 1\4 watt
NAC EOL Resistor	3.9K 5%, 1\4 wattt
Fault Relay	1 x Volt Free Relay, SELV@1A Max.
Fire Relay	1 x Volt Free Relay,SELV @1A Max.
Battery cut off	Battery voltage less than 20V
Maximum battery Space	2 x 12 Ah, 12 Vdc sealed lead acid
NAC Rating	0.5A per Circuit 1A Total
Detection Zone Current	1.6mA
Cable Capacity	14 AWG
OPERATING CONDITION	
Operating Temperature	0 - 49ºC \ 32 - 120ºF
Storage Temperature	0ºC - 60ºC
Relative Humidity	93 ± 2% RH (non-condensing) at 32±2ºC \ 90±3ºF
MECHANICAL SPECIFICATIONS	
Cable Entry	10x⌀19mm Knockout on top of the cabinet 10x⌀19mm Knockout on backside of the cabinet
Ingress Protection Rating	IP30
Dimensions	476.40W x326.29H x123.12D mm
Construction	1.22 mm ASTM A36 with powder-coated finish.
color	Red
weight	7Kg (Excluding Batteries)
Carton Dimensions	520*365*160 mm

WARRANTY

NEVERFIRE warrants that product from defects in design, materials and workmanship during the warranty period ensuring customers' confidence in product quality and performance.

For comprehensive information, including installation guidelines and compatibility details, please consult NEVERFIRE Installation Manual or reach out to our technical support team. Anybody, including the agents, distributors or employees, is not in the position to amend the contents of this warranty.

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